

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

Claim 1 (Original): A method comprising:

presenting a user interface for setting access rights to members of a data cube and access rights to transactional data from which the data cube was derived;
formatting a web page based on the set access rights; and
communicating the web page to a client device for display to a user.

Claim 2 (Currently Amended): The method of claim 1, wherein presenting the user interface comprises:

displaying a dimensional hierarchy for the data cube, wherein the dimensional hierarchy includes the dimensions and members included in an electronic report; and
receiving input granting the [[a]] user access to a subset of the displayed members and dimensions.

Claim 3 (Currently Amended): The method of claim 1, wherein presenting the user interface comprises:

displaying data fields from one or more database tables that store the transactional data;
and
receiving input granting the [[a]] user access to a subset of the displayed fields.

Claim 4 (Currently Amended): The method of claim 1, wherein formatting a web page based on the set access rights comprises formatting a web page by which the user can compose an electronic report that includes ~~multidimensional data of the accessible~~ members of the data cube as well as the transactional data to which the user has access based on the set access rights.

Claim 5 (Currently Amended): The method of claim 4 further comprising publishing the electronic report to include the members of the data cube to which the user has access ~~accessible~~ ~~multidimensional data~~ and an icon for viewing the accessible transactional data from which the members of data cube accessible by the user were derived.

Claim 6 (Currently Amended): A method comprising:
storing a data cube having multidimensional data derived from transactional data;
controlling access to ~~individual members and dimensions of the multidimensional data~~ based on access rights set by a first user; and
controlling access to the transactional data based on the set access rights ~~set by the user.~~

Claim 7 (Currently Amended): The method of claim 6, wherein controlling access to the individual members further comprises:
presenting an interactive environment for creating an electronic report~~[[s]]~~ of the multidimensional data; and
permitting an author of the electronic report to include ~~only the accessible dimensions and members~~ in the electronic report only multidimensional data to which the author has access based on ~~according to~~ the set access rights.

Claim 8 (Currently Amended): The method of claim 7, further comprising:
publishing the electronic report from the interactive environment to include the ~~accessible~~ multidimensional data to which the author has access and a icon for viewing the ~~accessible~~ transactional data;
receiving input from a user viewing the electronic report selecting a range of the multidimensional data displayed by the electronic report;
determining whether the user viewing the electronic report has access to transactional data corresponding to the selected range of the multidimensional data displayed by the electronic report; and
displaying the corresponding transactional data based on the determination.

Claim 9 (Original): A computer-readable medium having instructions thereon for causing a programmable processor to:

present a user interface for setting access rights to members of a data cube and access rights to transactional data from which the data cube was derived;
format a web page based on the set access rights; and
communicate the web page to a client device for display to a user.

Claim 10 (Currently Amended): The computer-readable medium of claim 9 further including instructions to cause the processor to:

display a dimensional hierarchy for the data cube, wherein the dimensional hierarchy includes the dimensions and members included in an electronic report; and
receive input granting the [[a]] user access to a subset of the displayed members and dimensions.

Claim 11 (Currently Amended): The computer-readable medium of claim 9 further including instructions to cause the processor to:

displaying data fields from one or more database tables that store the transactional data;
and
receiving input granting the [[a]] user access to a subset of the displayed fields.

Claim 12 (Currently Amended): The computer-readable medium of claim 9 further including instructions to cause the processor to:

present an interactive environment for creating electronic reports of the multidimensional data; and
permit an author of the electronic report to include ~~only the accessible dimensions and members~~ in the report only the multidimensional data to which the author has access based on ~~according to~~ the set access rights.

Claim 13 (Currently Amended): The computer-readable medium of claim 12 further including instructions to cause the processor to:

publish the electronic report from the interactive environment to include the ~~accessible~~ multidimensional data to which the author has access and a icon for viewing the ~~accessible~~ transactional data;

receive input from a user viewing the electronic report selecting a range of the multidimensional data displayed by the electronic report;

determine whether the user viewing the electronic report has access to transactional data corresponding to the selected range of the multidimensional data displayed by the electronic report; and

display the corresponding transactional data based on the determination.

Claim 14 (Currently Amended): A system comprising:

a database storing multidimensional data and transactional data;

a server to present a user interface for setting access rights to dimensions and members of the ~~[[a]]~~ multidimensional data and access rights to the transactional data; and

a page generation module executing on the server to generate a web page based on the set access rights.

Claim 15 (Currently Amended): The system of claim 14, wherein the web page presents an interactive environment for creating electronic reports of the multidimensional data, and further wherein the page generation module formats the web page to permit an author of an ~~[[the]]~~ electronic report to include in the electronic report only the ~~accessible~~ dimensions and members to which the author has access based on in the electronic report according to the set access rights.

Claim 16 (Currently Amended): The system of claim 14, wherein the server determines whether a [[the]] user viewing the electronic report has access to transactional data corresponding to a selected range of the multidimensional data included in the electronic report and the page generation modules formats a web page to display the corresponding transactional data based on the determination.

Claim 17 (Original): A computer-readable medium having data fields store thereon comprising:
a first set of data field to store one or more identifiers for users;
a second set of data fields to store cube-level access rights for the users, wherein the cube-level access rights are associated with dimensions and members of a data cube; and
a third set of data fields to store transactional data access rights for the users, wherein the transactional data access rights are associated with fields of tables that store transactional data from which the data cube was derived.

Claim 18 (Original): The computer-readable medium of claim 17 further comprising a fourth set of data fields to store a set of groups, wherein each group relates to at least one of the user identifiers stored within the first set of data fields.